

Title (en)
ANALOG-TO-DIGITAL CONVERTER

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Application
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Priority
US 65839984 A 19841005

Abstract (en)
[origin: WO8602217A1] A device for converting an input signal to a digital output signal at a preselected sampling rate with an increase in dynamic range without aliasing. The preferred embodiment utilizes a converter (104) for producing a low resolution digital signal at a higher frequency and an averaging digital filter (106) arrangement for increasing the resolution at the preselected sampling rate. The device is easily capable of producing digital output signals of at least 17 bits at any frequency such as 48KHZ.

IPC 1-7
H03M 1/02

IPC 8 full level
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Citation (examination)
• D. Seitzer, G. Pretzel, N.A. Namdy, "Electronic Analog-to-Digital Converters", John Wiley & Sons, 1983, pages 58-61, 65-67, 84-86
• P. Horowitz, W. Hill, "The Art of Electronics", Cambridge University Press, 1980, pages 418-428

Designated contracting state (EPC)
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DOCDB simple family (publication)
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